

DEC 15 2005

PCT/EP

12-19-05  
AP4 Rec'd PCT/EP 15 DEC 2005  
PCT/EP

PTO-1390 (Rev. 02/2005)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Applicable for use through 3/24/2007. OMB 0151-0027.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMISSION LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.  
PCT/EP2004/006439INTERNATIONAL FILING DATE  
June 15, 2004ATTORNEY'S DOCKET NUMBER  
VOSS1200U.S. APPLICATION NO. (if known) see 37 CFR 1.51  
107561371PRIORITY DATE  
June 15, 2003

## TITLE OF INVENTION

METHOD AND DEVICE FOR TREATMENT AND LOOP-PROCESSING OF WASTE WATERS (As Amended)

## APPLICANT(S) FOR DO/EO/US

Ulrich Braun

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

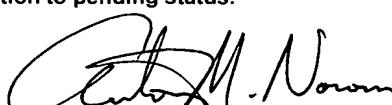
1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C.
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). **(unsigned)**
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20.  Other items or information:  
**Certificate of Mailing under 37 CFR 1.10 (EV 627 502 529 US); Check No. 580168 in the amount of \$1,290.00; Return Receipt Postcard; International Search Report; Form PCT/IB/308.**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR		INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER	
<b>10/561371</b>		PCT/EP2004/006439	VOSS1200	
The following fees are submitted:				CALCULATIONS
21. <input checked="" type="checkbox"/> Basic national fee .....				\$300
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ....				\$100
All other situations.....				\$200
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....				\$100
International Search Report prepared and provided to the Office .....				\$400
All other situations.....				\$500
<b>TOTAL OF 21, 22 and 23 =</b>				\$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	
55 - 100 =	0 /50 =	0	x \$250.00	\$ 0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$ 130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	51 - 20 =	31	x \$50.00	\$ 1,550.00
Independent claims	2 - 3 =	0	x \$200.00	\$ 0.00
Multiple Dependent Claims (if applicable) <input type="checkbox"/>				+ \$360.00
<b>TOTAL OF ABOVE CALCULATIONS</b>				\$ 2,580.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 1,290.00
<b>SUBTOTAL</b>				\$ 1,290.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$
<b>TOTAL NATIONAL FEE</b>				\$ 1,290.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per				+
<b>TOTAL FEES ENCLOSED</b>				\$ 1,290.00
				Amount to be refunded:
				Amount to be charged:
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,290.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account <u>07-1896</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO:				
Lisa A. Haile, J.D., Ph.D.				
DLA Piper Rudnick Gray Cary US LLP				
4365 Executive Drive, Suite 1100				
San Diego, CA 92121-2133				
USPTO Customer No. 28213				
 <b>Reg. No.</b> <b>45,517</b> <b>SIGNATURE</b> <i>for</i> <b>Lisa A. Haile, J.D., Ph.D.</b> <b>NAME</b>				
December 15, 2005				
<b>38,347</b>				
REGISTRATION NUMBER				

10/561371  
IAP9 Rec'd PCT/PTO 15 DEC 2005

PATENT  
ATTORNEY DOCKET NO.: VOSS1200

Certificate of Mailing under 37 CFR § 1.10

“EXPRESS MAIL” Mailing Label Number: EV 627 502 529 US  
Date of Deposit: December 15, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service as "**Express Mail Post Office to Addressee**" with sufficient postage on the date indicated above and is addressed to:

**Mail Stop PCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Enclosures:

1. Form PTO-1390 (2 pgs in duplicate);
2. Preliminary Amendment (13 pgs);
3. Declaration (unsigned) (3 pgs);
4. Certificate of Mailing under 37 CFR § 1.10 (1 pg);
5. Copy of Published International Application PCT/EP2004/006439 (55 pgs)  
(Including Abstract, Specification and Drawings);
6. Copy of International Search Report (7 pgs);
7. English Translation of Originally Filed International Application  
PCT/EP2004/006439 (58 pgs);
8. Form PCT/IB/308 (1 pg);
9. Check No. 580168 in the amount of \$1,290.00; and
10. Return Receipt Postcard

Trudy Gerovske  
Name of Person Mailing Papers

Trudy Gerovske  
Signature